

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
12 August 2004 (12.08.2004)

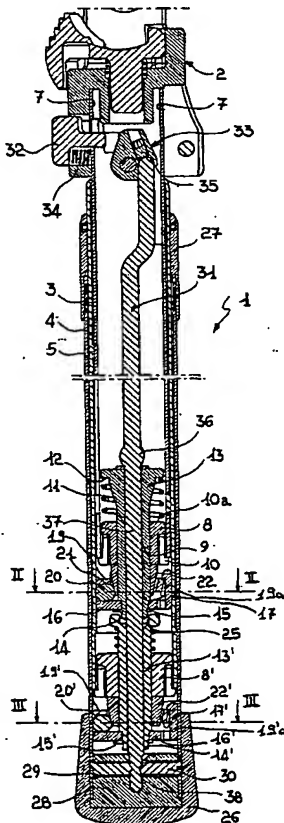
PCT

(10) International Publication Number
WO 2004/068024 A1

- (51) International Patent Classification⁷: **F16M 11/26** (74) Agents: **FABRIS, Stefano et al.; Cantaluppi & Partners**
S.r.l., Via Matteotti, 26, I-35137 Padova (IT).
- (21) International Application Number: **PCT/EP2004/000448** (81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (22) International Filing Date: 21 January 2004 (21.01.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: PD2003A000020 30 January 2003 (30.01.2003) IT
- (71) Applicant (*for all designated States except US*): **LINO MANFROTTO + CO. S.P.A.** [IT/IT]; Via Sasso Rosso, 19, 36061 Bassano del Grappa (VI) (IT).
- (72) Inventor; and
- (75) Inventor/Applicant (*for US only*): **SPEGGIORIN, Paolo** [IT/IT]; Via Colombara, 6A, I-36065 Mussolente (VI) (IT).
- (84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK,

[Continued on next page]

(54) Title: **A FOOT FOR OPTICAL OR PHOTOGRAPHIC SUPPORTS**



(57) Abstract: A foot for optical or photographic supports comprises a telescopic rod having several telescopic members (3, 4, 5) and, for each pair of adjacent telescopic members, an expanding stop mechanism mounted on one telescopic member of the pair and acting on the other telescopic member of the pair in order to block the relative sliding thereof. The stop mechanism includes a radially expandable ring and an expander body (22, 22') or the ring for pressing the elements of the ring radially against the inner shell of the other telescopic member. The ring comprises a plurality of barrel rollers (22, 22') having an outer shell (21, 21') with a curvature coinciding substantially with the curvature of the inner shell of the other telescopic member.

WO 2004/068024 A1